# HNLED18NB/D10



18W

4000K

81 CRI

100000

1,513 76 LPW



Color: Black

Deleti Diaon

# **Technical Specifications**

### Listings

**UL Listing:** 

Suitable for wet locations. Suitable for ground mounting.

### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

## Electrical

# Driver:

Constant Current, 500mA, Class 2 120-277V with 4kV surge protection, 120V: 0.17A, 208V: 0.11A, 240V: 0.10A, 277V: 0.09A, 50/60Hz THD < 20%, Power Factor: 99%

### THD:

9.8% at 120V

### **Dimming Driver:**

Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%

### Optical

### NEMA Type:

2H x 2V Beam Spread.

### **LED Characteristics**

### LEDs:

Multi-chip, high-output, long-life LEDs

### **Color Stability:**

RAB LEDs exceed industry standards for chromatic stability.

### **Color Uniformity:**

Weight: 4.6 lbs

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

**Project:** 

**Driver Info** 

Type: 120V:

208V

240\/-

277V:

Input Watts:

Efficiency:

Prepared By:

### Construction

### **Cold Weather Starting:**

Minimum starting temperature is -40°F/-40°C

### **Thermal Management:**

Superior heat sinking with external Air-Flow fins

### Housing:

Precision die-cast aluminum housing, lens frame and mounting arm.

### **Reflector:**

Semi-specular, vacuum-metalized polycarbonate

### Mounting:

Heavy-duty mounting arm with "O" ring seal & stainless steel screws.

### Gaskets:

High-temperature silicone gaskets

### Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

### Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

### Other

Constant Current

0.17A

0.11A

0.10A

0.09A

20W

91%

### California Title 24:

HNLED18 comply with 2013 California Title 24 building and electrical codes as a commercial outdoor nonpole-mounted fixture ≤ 30 Watts when used with a photosensor control. Select catalog number PCS900 (120V) or PCS1900/277 (277V) to order a photosensor.

### Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

### **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

### **Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

### **Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

# HNLED18NB/D10



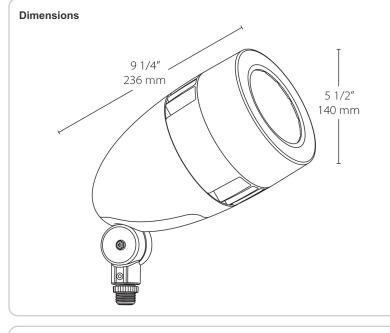
### Features

80% energy savings vs. PAR floods

Mount on junction box or on RAB Mighty Post

Patent-pending Air-Flow technology

5-year warranty



# Family Watts Finish Dimming HNLED Image: Second Seco